

We claim:

1 1. A method for producing peptide salts, which comprises
2 reacting an acid addition salt of a basic starting peptide in the presence of a
3 diluent in a mixed bed ion exchanger, with a mixture of an acid and a basic
4 ion exchanger during the formation of a free basic peptide, and then
5 separating the ion exchanger and then the free basic peptide, with an
6 inorganic or organic acid , and then forming the desired acid addition salt of
the peptide, and removing the diluent.

1 2. The method of claim 1, wherein said basic satarting peptide
2 is a salt of Cetrorelix, Teverelix, Abarelix, Ganirelix, Azaline B, Antide, A-
75998, Detirelix, Ramorelix, RS-68439.

1 3. The method of claim 1, wherein said acid is embonuc acid,
2 stearic acid, or salicylic acid.

1 4. The method of claim 1, wherein said basic starting peptide is
2 Cetrorelix, and said acid is embonic acid, and the peptide : acid molar ratio
3 is 2:1.

1 5. The method of claim 1, wherein said diluent is removed by
2 freeze drying.

1 6. A peptide salt when made by the process of claim 1.

1 7. A pharmaceutical composition which comprises the peptide
2 salt of claim 6, together with at least one pharmaceutical adjuvant, or carrier.

8. The process of claim 1, further comprising adding a
pharmaceutical adjuvant or carrier partly or totally before the removal of the
diluent.

9. A process of treating a mammal with the peptide salt of
claim 6, which comprises parenterally administering to the mammal a drug
containing said peptide salt as active ingredient.